

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

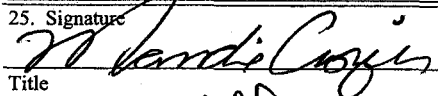
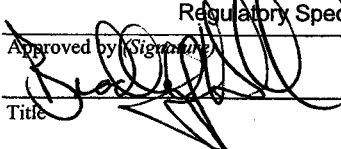
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-30096
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Wells Draw Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Wells Draw Federal G-4-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33518
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1994' FNL 1964' FWL At proposed prod. zone SE/NW 1331' FNL 1319' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1331' f/lse, 1309' f/unit	16. No. of Acres in lease 602.24	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1310'	13. State UT
19. Proposed Depth 6415'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5719' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/18/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-29-07
Title Officer	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

Surf

574529X

4434761Y

40.061697

-110.126130

BUL 574330X

4434963Y

40.063535

-110.128438

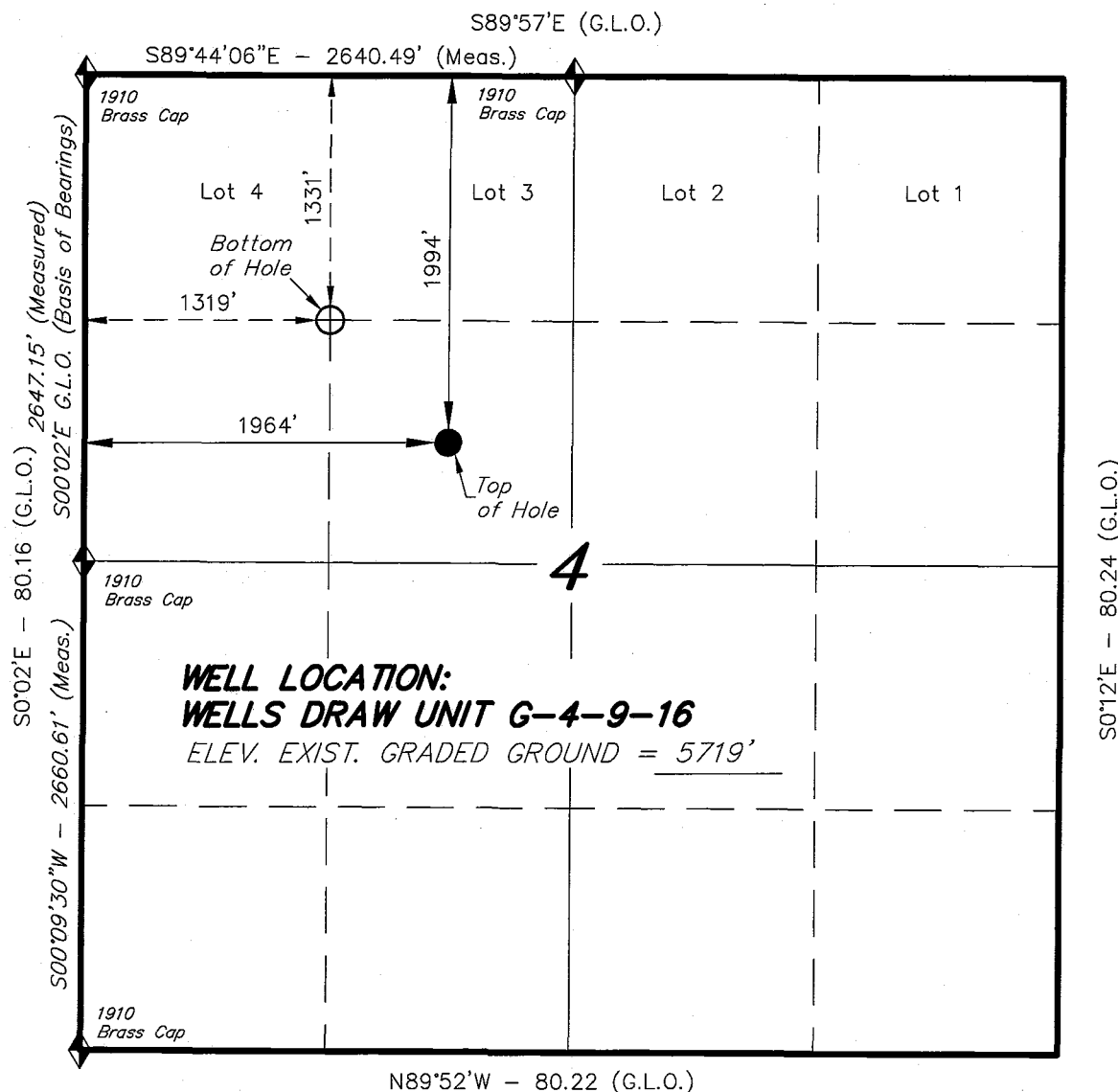
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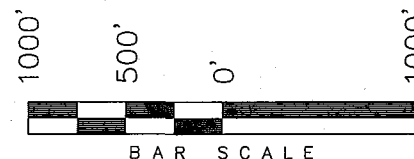
DIV. OF OIL, GAS & MINING

**T9S, R16E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

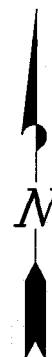


WELL LOCATION, WELLS DRAW UNIT  
G-4-9-16, LOCATED AS SHOWN IN THE  
SE 1/4 NW 1/4 OF SECTION 4, T9S,  
R16E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.

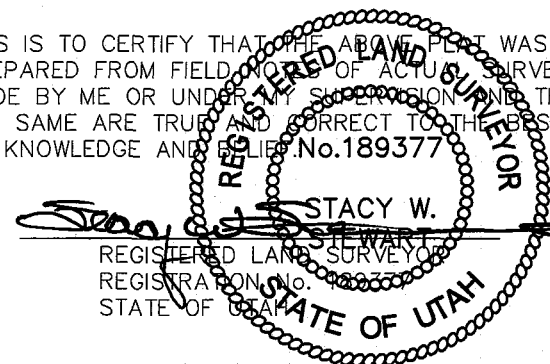


**Note:**

1. The bottom of hole (G-4-9-16  
SE/NW) bears N44°05'23"W 927.52'  
from the Top of Hole.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**WELLS DRAW UNIT G-4-9-16**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 03' 42.18"  
LONGITUDE = 110° 07' 36.50"

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 11-16-06	SURVEYED BY: C.M.
DATE DRAWN: 11-21-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
WELLS DRAW FEDERAL #G-4-9-16  
AT SURFACE: SE/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2330'
Green River	2330'
Wasatch	6415'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2330' – 6415' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
WELLS DRAW FEDERAL #G-4-9-16  
AT SURFACE: SE/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Wells Draw Federal #G-4-9-16 located in the SE 1/4 NW 1/4 Section 4, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 6.5 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.9 miles  $\pm$  it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles  $\pm$  to the existing Wells Draw 6-4-9-16 well lcoation.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Wells Draw 6-4-9-16 well pad. See attached Topographic Map "B".

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Wells Draw 6-4-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Wells Draw Federal G-4-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

The proposed Wells Draw Federal G-4-9-16 will be drilled off of the existing Wells Draw 6-4-9-16 well pad. No additional surface disturbance will be required for this location.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex Centertifolia</i>	3 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Wells Draw Federal #G-4-9-16 was on-sited on 12/8/06. The following were present; Dave Allred (Newfeild Production), Kim Kettle (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**  
**Representative**

Name: Dave Allred  
Address: Route #3 Box 3630

Myton, UT 84052  
Telephone: (435) 646-3721

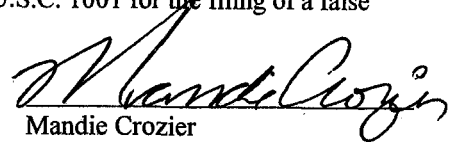
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-4-9-16 Section 4, Township 9S, Range 16E: Lease UTU-30096 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/18/07

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Wells Draw Unit G-4-9-16  
Well: Wells Draw Unit G-4-9-16  
Wellbore: OH  
Design: Plan #1

**Nowfield Exploration Co.**



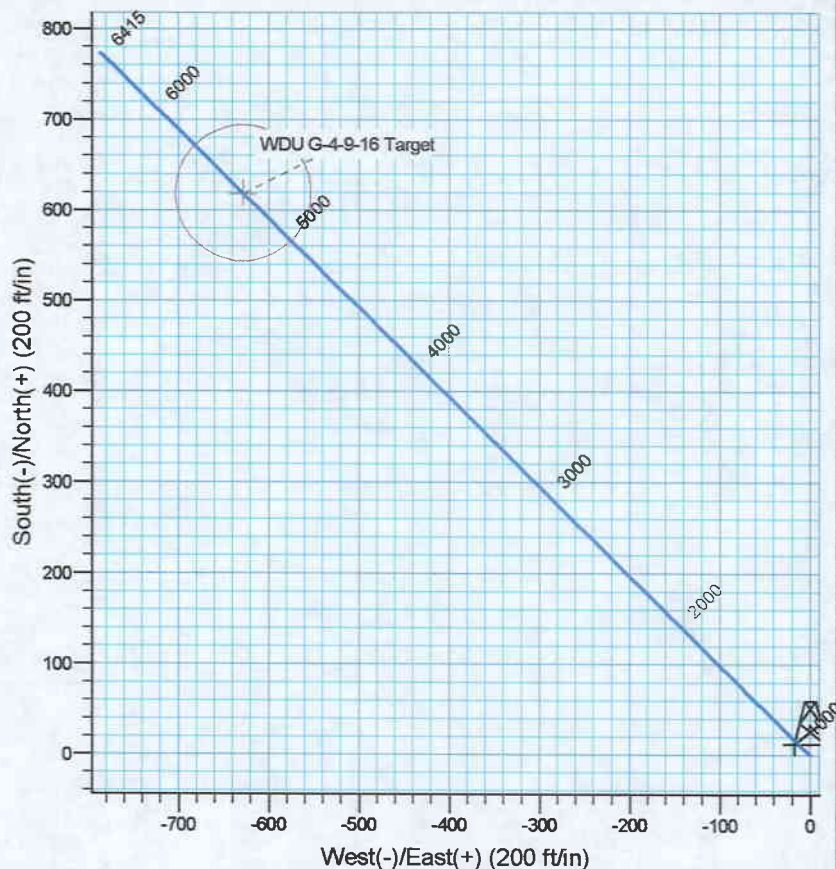
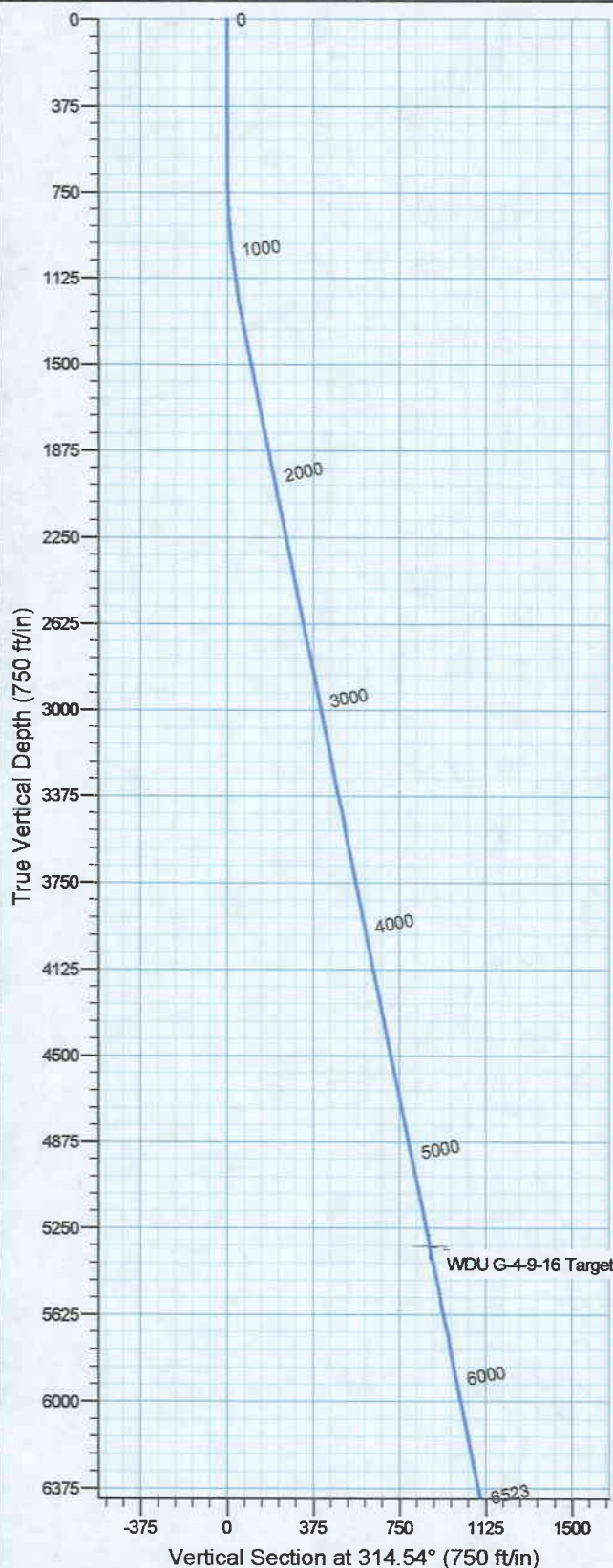
Azimuths to True North  
Magnetic North: 11.91°

Magnetic Field  
Strength: 52731.1nT  
Dip Angle: 65.91°  
Date: 2006-12-18  
Model: IGRF2005-10

WELL DETAILS: Wells Draw Unit G-4-9-16

GL 5719' & RKB 12' @ 5731.00ft 5719.00

+N-S	+E-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7194168.77	2024741.44	40° 3' 42.180 N	110° 7' 36.500 W



#### FORMATION TOP DETAILS

Formation data is available

Plan: Plan #1 (Wells Draw Unit G-4-9-16/OH)

Created By: Julie Cruse Date: 2006-12-18

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone  
System Datum: Mean Sea Level  
Local North: No north reference data is available

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1365.21	11.48	314.54	1360.10	53.58	-54.45	1.50	314.54	76.39	
4	416.12	11.48	314.54	5330.00	619.00	-629.00	0.00	0.00	882.50	WDU G-4-9-16 Target
5	523.27	11.48	314.54	6415.00	773.53	-786.03	0.00	0.00	1102.81	

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Wells Draw Unit G-4-9-16**

**Wells Draw Unit G-4-9-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**18 December, 2006**



# Scientific Drilling Planning Report

**Database:** EDM 2003.14.1.0 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Wells Draw Unit G-4-9-16  
**TVD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**MD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Wells Draw Unit G-4-9-16, Sec 4 T9S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,194,168.77 ft	<b>Latitude:</b>	40° 3' 42.180 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,024,741.44 ft	<b>Longitude:</b>	110° 7' 36.500 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.88 °

Well	Wells Draw Unit G-4-9-16, 1994' FNL, 1964' FWL					
Well Position	+N-S	0.00 ft	Northing:	7,194,168.77 ft	Latitude:	40° 3' 42.180 N
	+E-W	0.00 ft	Easting:	2,024,741.44 ft	Longitude:	110° 7' 36.500 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,719.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2006-12-18	11.91	65.91	52,731

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>	
	5,330.00	0.00	0.00	314.54	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TPO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,365.21	11.48	314.54	1,360.10	53.58	-54.45	1.50	1.50	0.00	314.54	
5,416.12	11.48	314.54	5,330.00	619.00	-629.00	0.00	0.00	0.00	0.00	WDU G-4-9-16 Target
6,523.27	11.48	314.54	6,415.00	773.53	-786.03	0.00	0.00	0.00	0.00	

# Scientific Drilling Planning Report

**Database:** EDM 2003.14.1.0 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well Wells Draw Unit G-4-9-16  
 GL 5719' & RKB 12' @ 5731.00ft  
 GL 5719' & RKB 12' @ 5731.00ft  
 True  
 Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	314.54	699.99	0.92	-0.93	1.31	1.50	1.50	0.00
800.00	3.00	314.54	799.91	3.67	-3.73	5.23	1.50	1.50	0.00
900.00	4.50	314.54	899.69	8.26	-8.39	11.77	1.50	1.50	0.00
1,000.00	6.00	314.54	999.27	14.68	-14.91	20.92	1.50	1.50	0.00
1,100.00	7.50	314.54	1,098.57	22.92	-23.29	32.68	1.50	1.50	0.00
1,200.00	9.00	314.54	1,197.54	32.99	-33.52	47.03	1.50	1.50	0.00
1,300.00	10.50	314.54	1,296.09	44.86	-45.59	63.96	1.50	1.50	0.00
1,365.21	11.48	314.54	1,360.10	53.58	-54.45	76.39	1.50	1.50	0.00
1,400.00	11.48	314.54	1,394.20	58.44	-59.38	83.31	0.00	0.00	0.00
1,500.00	11.48	314.54	1,492.20	72.40	-73.57	103.21	0.00	0.00	0.00
1,600.00	11.48	314.54	1,590.20	86.35	-87.75	123.11	0.00	0.00	0.00
1,700.00	11.48	314.54	1,688.20	100.31	-101.93	143.01	0.00	0.00	0.00
1,800.00	11.48	314.54	1,786.20	114.27	-116.12	162.91	0.00	0.00	0.00
1,900.00	11.48	314.54	1,884.20	128.23	-130.30	182.81	0.00	0.00	0.00
2,000.00	11.48	314.54	1,982.20	142.19	-144.48	202.71	0.00	0.00	0.00
2,100.00	11.48	314.54	2,080.20	156.14	-158.67	222.61	0.00	0.00	0.00
2,200.00	11.48	314.54	2,178.20	170.10	-172.85	242.51	0.00	0.00	0.00
2,300.00	11.48	314.54	2,276.20	184.06	-187.03	262.41	0.00	0.00	0.00
2,400.00	11.48	314.54	2,374.20	198.02	-201.22	282.31	0.00	0.00	0.00
2,500.00	11.48	314.54	2,472.20	211.97	-215.40	302.21	0.00	0.00	0.00
2,600.00	11.48	314.54	2,570.20	225.93	-229.58	322.11	0.00	0.00	0.00
2,700.00	11.48	314.54	2,668.20	239.89	-243.77	342.01	0.00	0.00	0.00
2,800.00	11.48	314.54	2,766.20	253.85	-257.95	361.91	0.00	0.00	0.00
2,900.00	11.48	314.54	2,864.20	267.81	-272.13	381.81	0.00	0.00	0.00
3,000.00	11.48	314.54	2,962.20	281.76	-286.31	401.70	0.00	0.00	0.00
3,100.00	11.48	314.54	3,060.20	295.72	-300.50	421.60	0.00	0.00	0.00
3,200.00	11.48	314.54	3,158.20	309.68	-314.68	441.50	0.00	0.00	0.00
3,300.00	11.48	314.54	3,256.20	323.64	-328.86	461.40	0.00	0.00	0.00
3,400.00	11.48	314.54	3,354.20	337.59	-343.05	481.30	0.00	0.00	0.00
3,500.00	11.48	314.54	3,452.20	351.55	-357.23	501.20	0.00	0.00	0.00
3,600.00	11.48	314.54	3,550.20	365.51	-371.41	521.10	0.00	0.00	0.00
3,700.00	11.48	314.54	3,648.20	379.47	-385.60	541.00	0.00	0.00	0.00
3,800.00	11.48	314.54	3,746.20	393.43	-399.78	560.90	0.00	0.00	0.00
3,900.00	11.48	314.54	3,844.20	407.38	-413.96	580.80	0.00	0.00	0.00
4,000.00	11.48	314.54	3,942.20	421.34	-428.15	600.70	0.00	0.00	0.00
4,100.00	11.48	314.54	4,040.20	435.30	-442.33	620.60	0.00	0.00	0.00
4,200.00	11.48	314.54	4,138.20	449.26	-456.51	640.50	0.00	0.00	0.00
4,300.00	11.48	314.54	4,236.20	463.21	-470.70	660.40	0.00	0.00	0.00
4,400.00	11.48	314.54	4,334.20	477.17	-484.88	680.30	0.00	0.00	0.00
4,500.00	11.48	314.54	4,432.20	491.13	-499.06	700.19	0.00	0.00	0.00
4,600.00	11.48	314.54	4,530.20	505.09	-513.25	720.09	0.00	0.00	0.00
4,700.00	11.48	314.54	4,628.20	519.05	-527.43	739.99	0.00	0.00	0.00
4,800.00	11.48	314.54	4,726.20	533.00	-541.61	759.89	0.00	0.00	0.00
4,900.00	11.48	314.54	4,824.20	546.96	-555.80	779.79	0.00	0.00	0.00
5,000.00	11.48	314.54	4,922.20	560.92	-569.98	799.69	0.00	0.00	0.00
5,100.00	11.48	314.54	5,020.20	574.88	-584.16	819.59	0.00	0.00	0.00
5,200.00	11.48	314.54	5,118.20	588.83	-598.35	839.49	0.00	0.00	0.00

# Scientific Drilling Planning Report

**Database:** EDM 2003.14.1.0 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Wells Draw Unit G-4-9-16  
**TVD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**MD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	11.48	314.54	5,216.20	602.79	-612.53	859.39	0.00	0.00	0.00
5,400.00	11.48	314.54	5,314.20	616.75	-626.71	879.29	0.00	0.00	0.00
5,416.12	11.48	314.54	5,330.00	619.00	-629.00	882.50	0.00	0.00	0.00
<b>WDU G-4-9-16 Target</b>									
5,500.00	11.48	314.54	5,412.20	630.71	-640.90	899.19	0.00	0.00	0.00
5,600.00	11.48	314.54	5,510.20	644.67	-655.08	919.09	0.00	0.00	0.00
5,700.00	11.48	314.54	5,608.20	658.62	-669.26	938.99	0.00	0.00	0.00
5,800.00	11.48	314.54	5,706.20	672.58	-683.45	958.89	0.00	0.00	0.00
5,900.00	11.48	314.54	5,804.20	686.54	-697.63	978.79	0.00	0.00	0.00
6,000.00	11.48	314.54	5,902.20	700.50	-711.81	998.69	0.00	0.00	0.00
6,100.00	11.48	314.54	6,000.20	714.45	-726.00	1,018.58	0.00	0.00	0.00
6,200.00	11.48	314.54	6,098.20	728.41	-740.18	1,038.48	0.00	0.00	0.00
6,300.00	11.48	314.54	6,196.20	742.37	-754.36	1,058.38	0.00	0.00	0.00
6,400.00	11.48	314.54	6,294.20	756.33	-768.55	1,078.28	0.00	0.00	0.00
6,500.00	11.48	314.54	6,392.20	770.29	-782.73	1,098.18	0.00	0.00	0.00
6,523.27	11.48	314.54	6,415.00	773.53	-786.03	1,102.81	0.00	0.00	0.00

## Targets

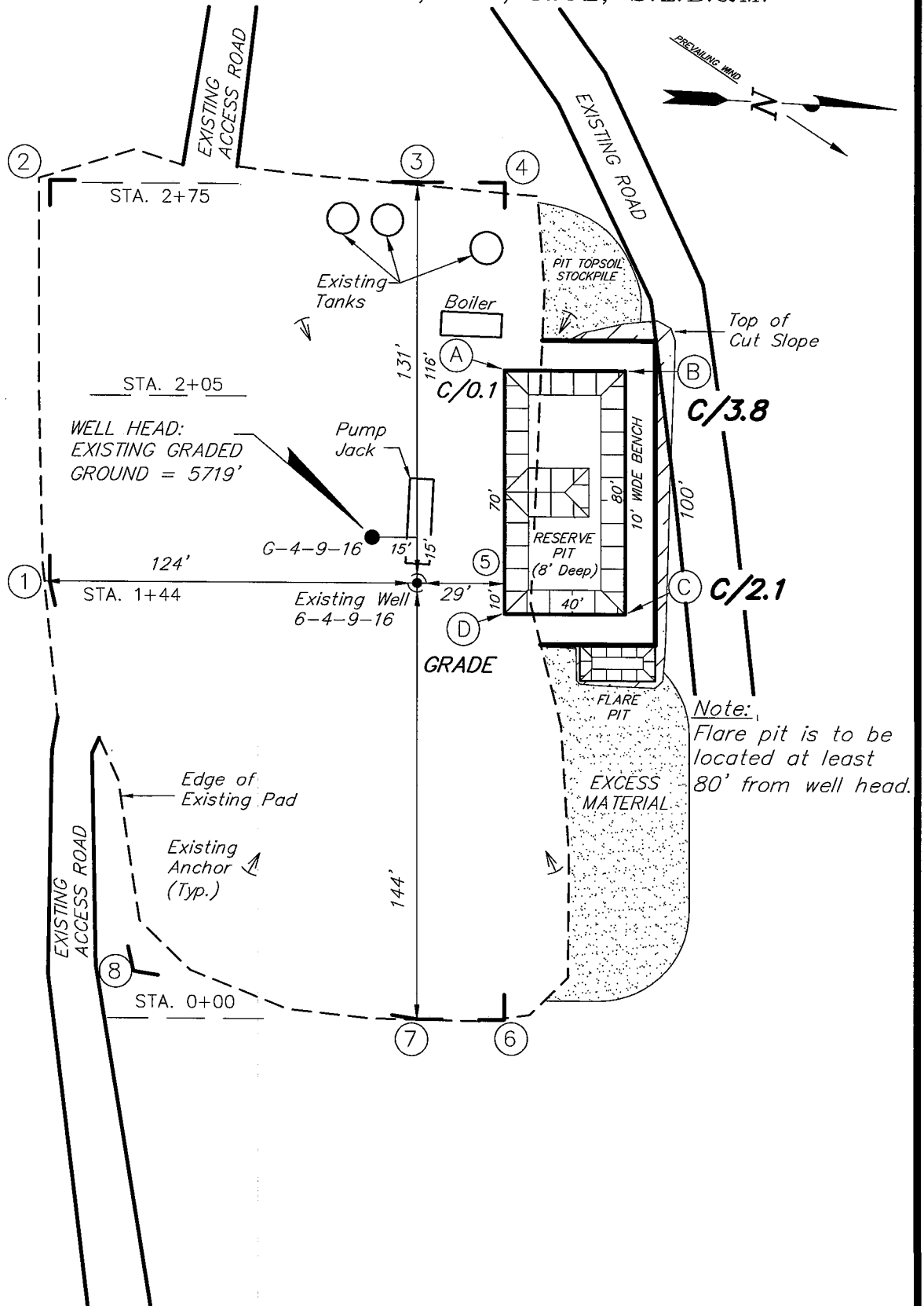
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WDU G-4-9-16 Target - plan hits target - Circle (radius 75.00)	0.00	0.00	5,330.00	619.00	-629.00	7,194,778.04	2,024,103.01	40° 3' 48.298 N	110° 7' 44.591 W

# NEWFIELD PRODUCTION COMPANY

WELLS DRAW UNIT G-4-9-16 (Proposed Well)

WELLS DRAW UNIT 6-4-9-16 (Existing Well)

Pad Location: SENW Section 4, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-21-06

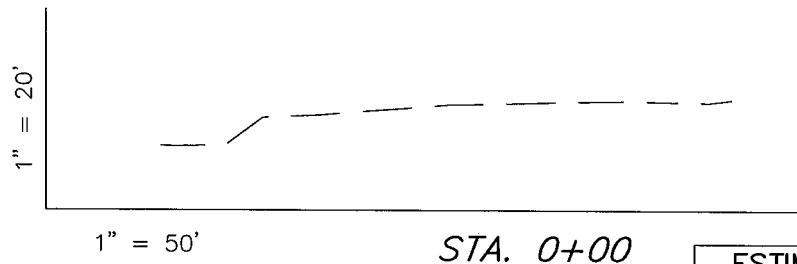
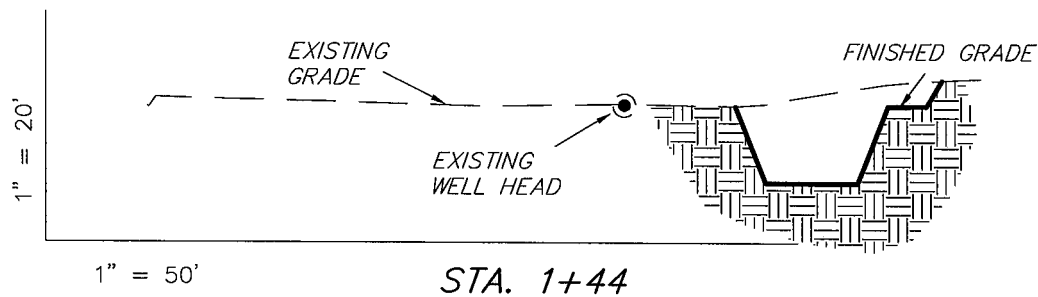
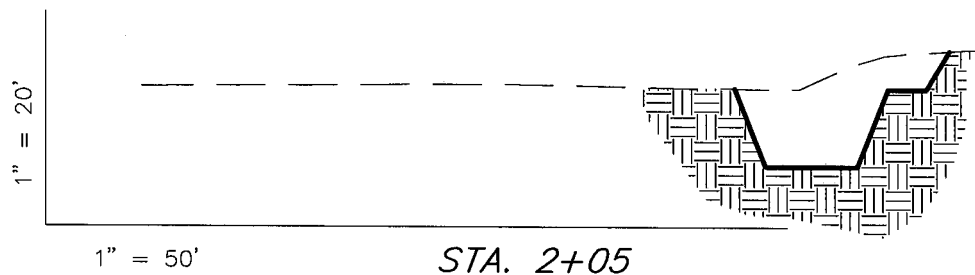
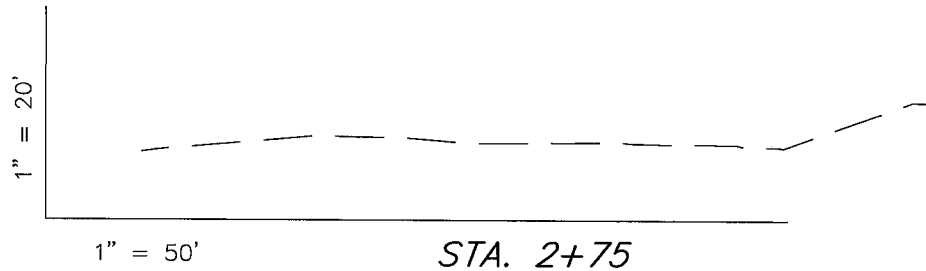
Tri State  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

WELLS DRAW UNIT G-4-9-16 (Proposed Well)

WELLS DRAW UNIT 6-4-9-16 (Existing Well)



NOTE:  
UNLESS OTHERWISE NOTED  
CUT & FILL SLOPES ARE AT  
1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	210	20	Topsoil is not included in Pad Cut	190
PIT	640	0		640
TOTALS	850	20	130	830

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-21-06

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

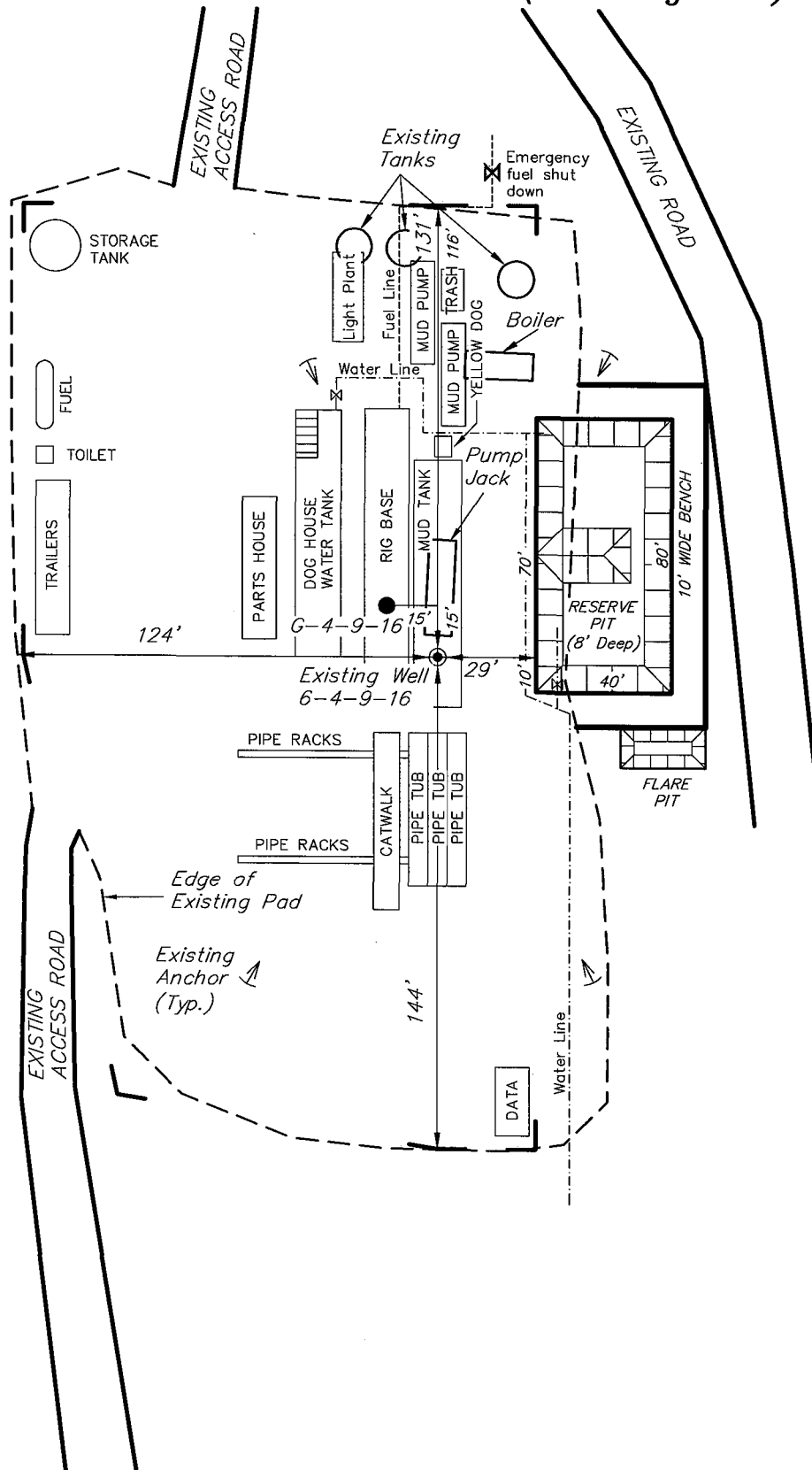
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

WELLS DRAW UNIT G-4-9-16 (Proposed Well)

WELLS DRAW UNIT 6-4-9-16 (Existing Well)



REVISED:

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-21-06

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Newfield Production Company Proposed Site Facility Diagram

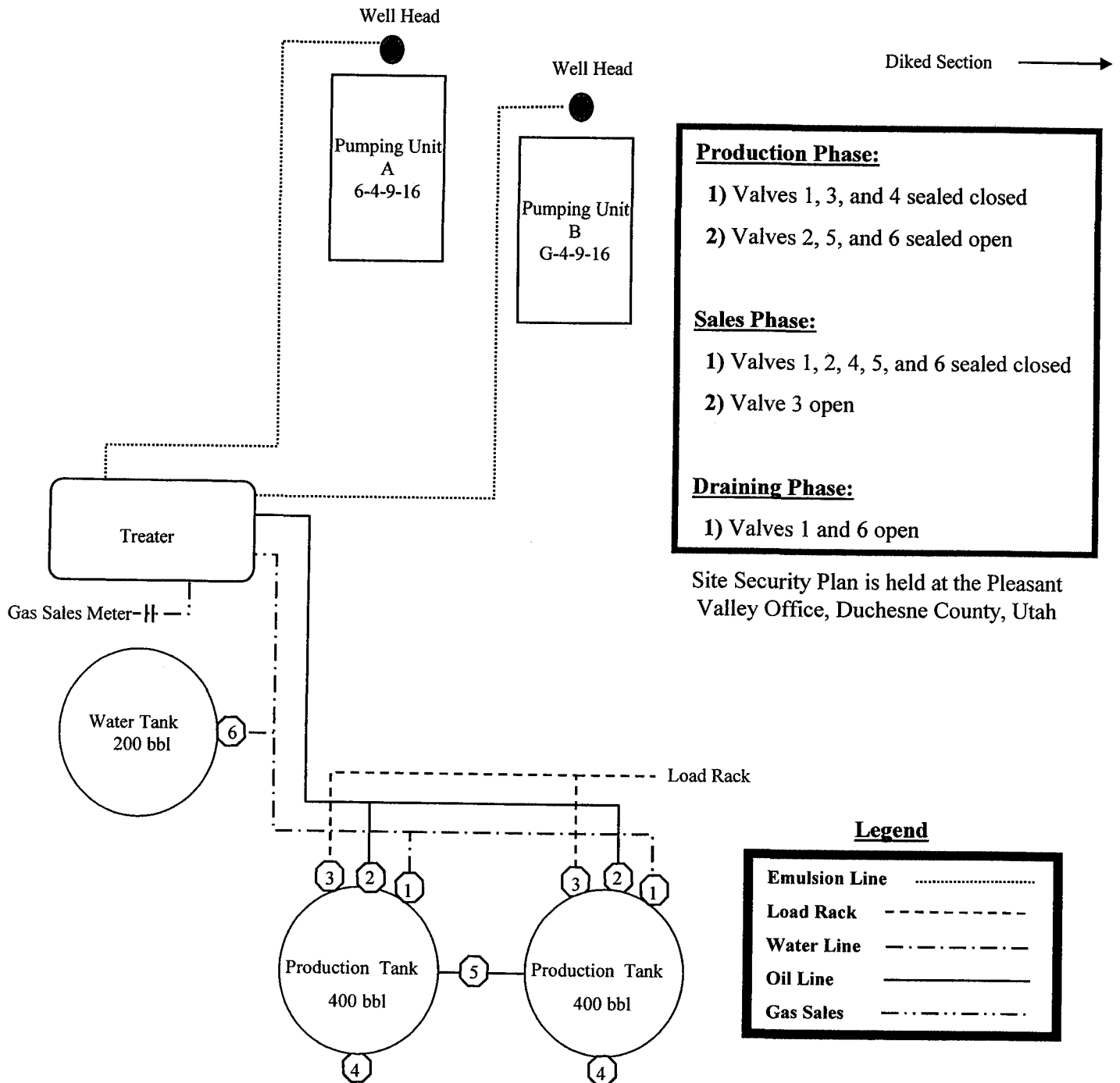
Wells Draw Federal G-4-9-16

From the 6-4-9-16 Location

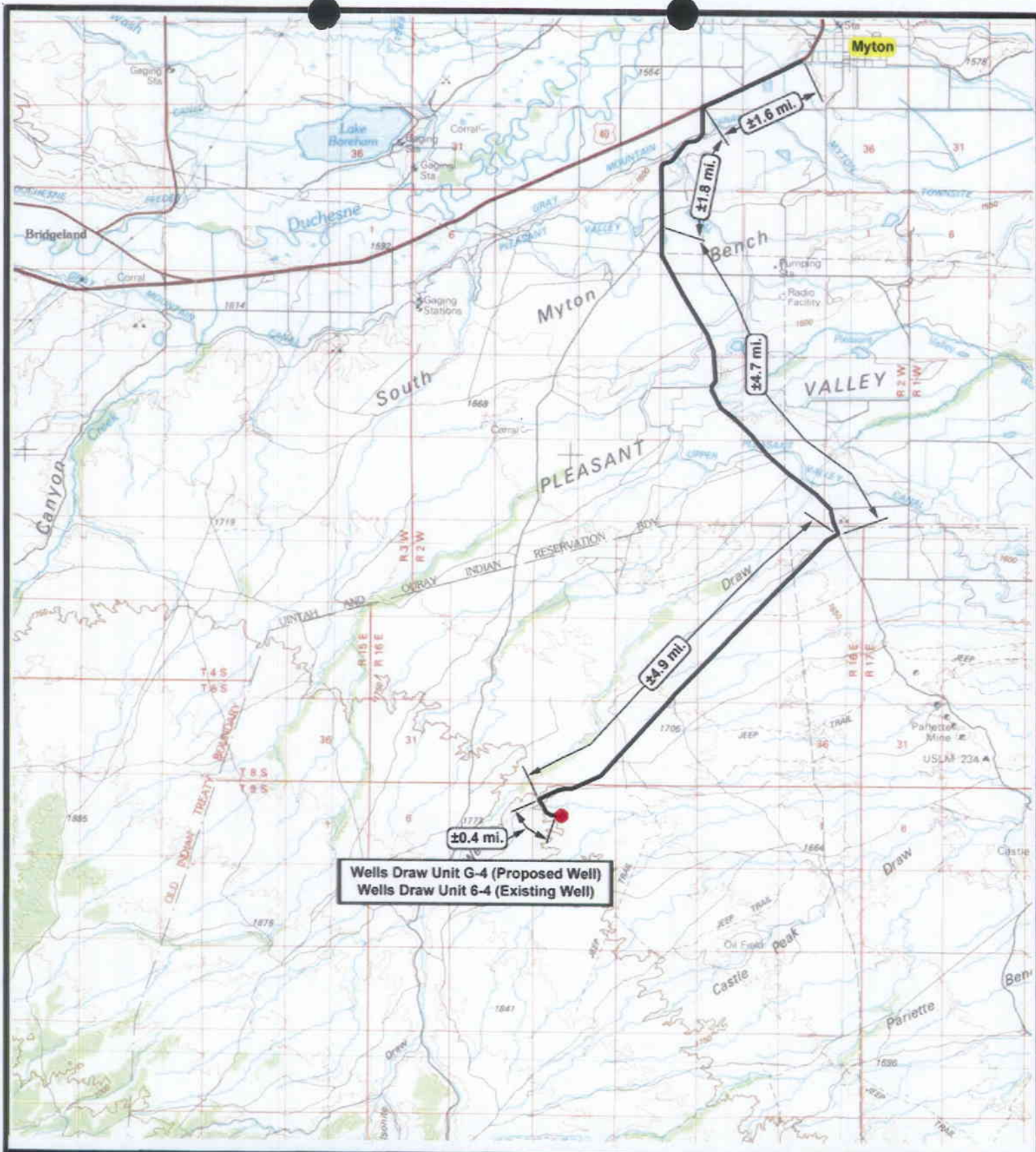
SE/NW Sec. 4 T9S, 16E

Duchesne County, Utah

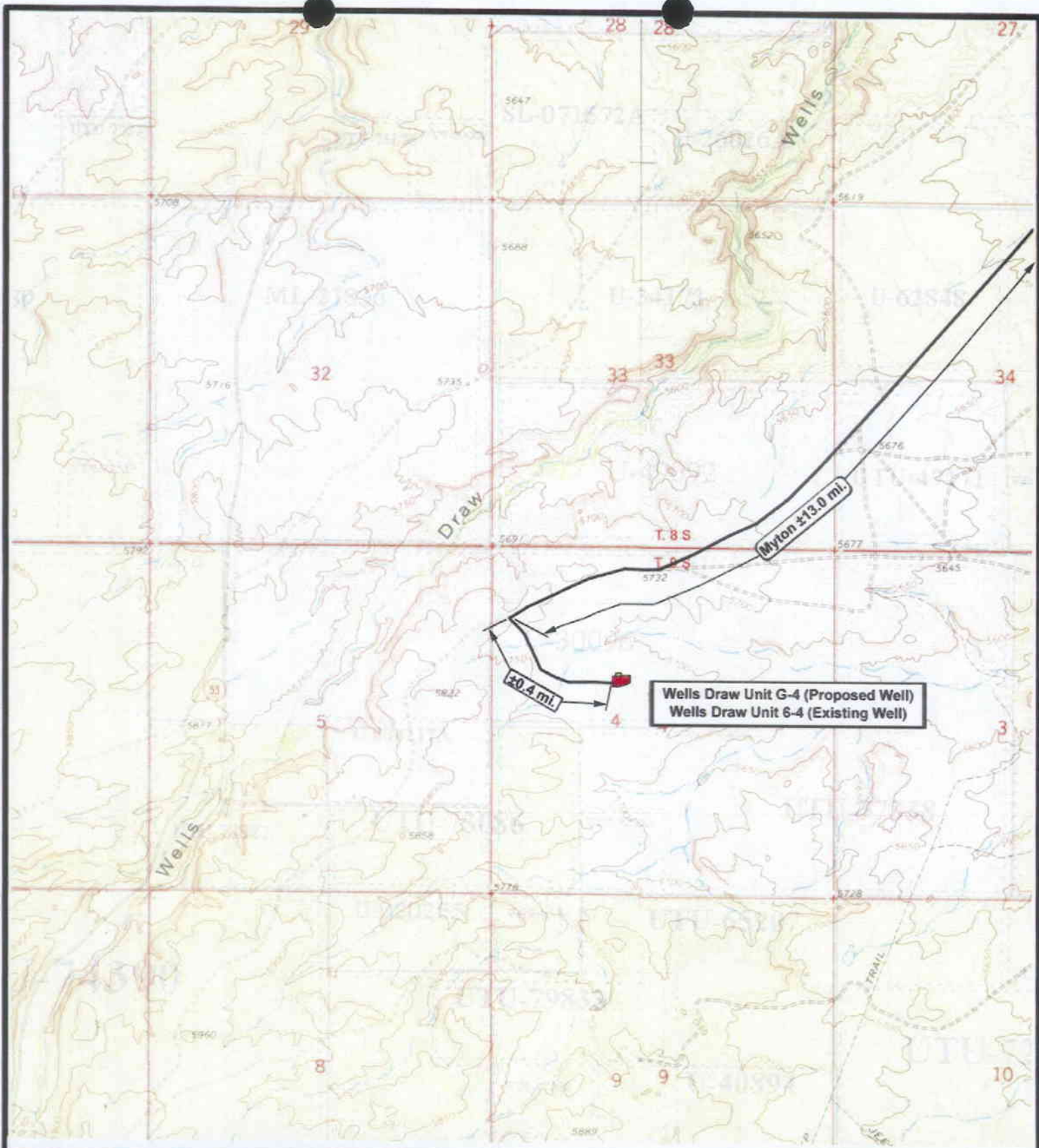
UTU-30096



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah







**NEWFIELD**  
Exploration Company

**Well Draw Unit G-4-9-16 (Proposed Well)**  
**Well Draw Unit 6-4-9-16 (Existing Well)**  
Pad Location: SENW SEC. 4, T9S, R16E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84076

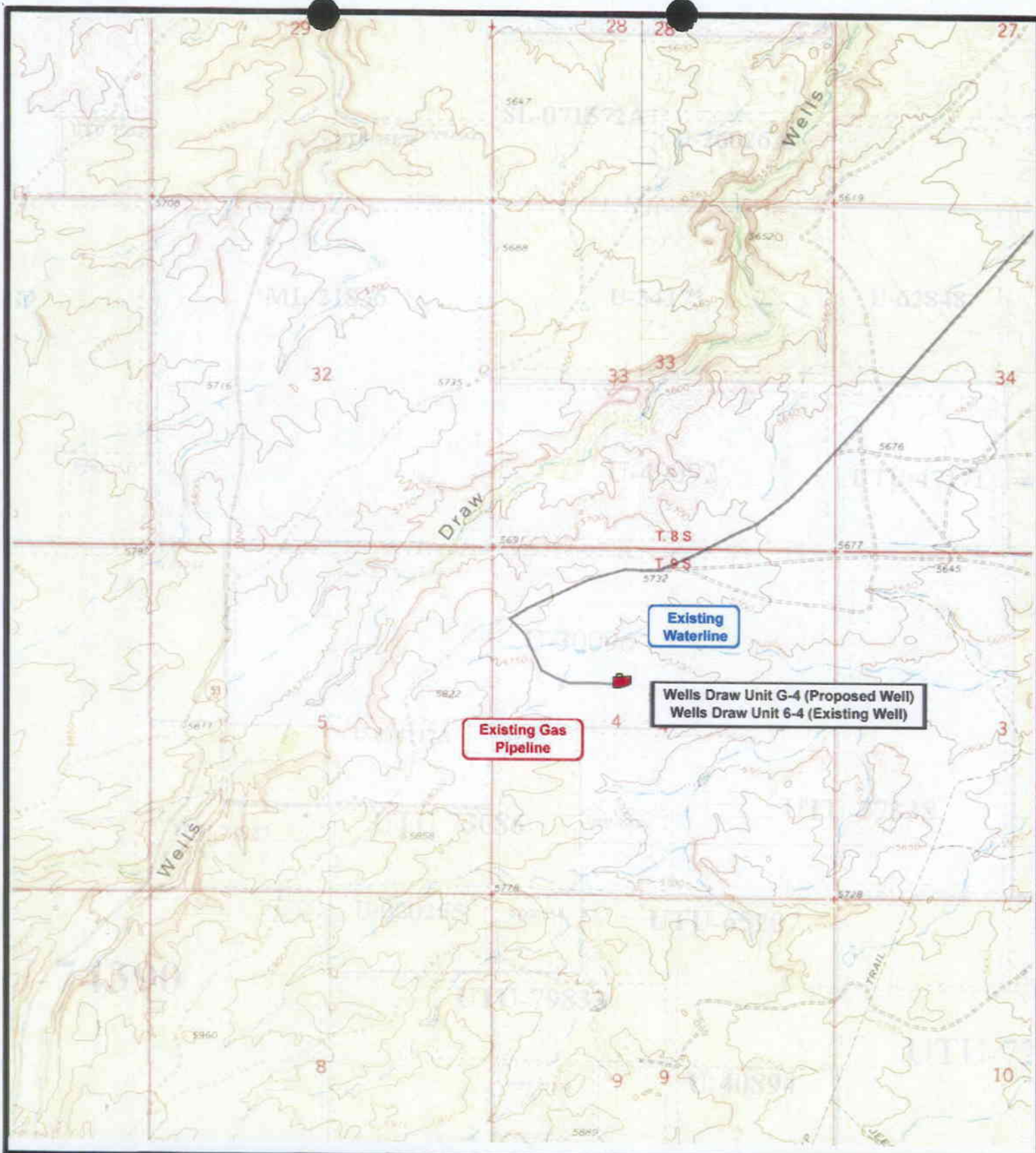
SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 11-22-2006

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**Well Draw Unit G-4-9-16 (Proposed Well)**  
**Well Draw Unit 6-4-9-16 (Existing Well)**  
Pad Location: SENW SEC. 4, T9S, R16E, S.L.B.&M.



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 11-22-2006

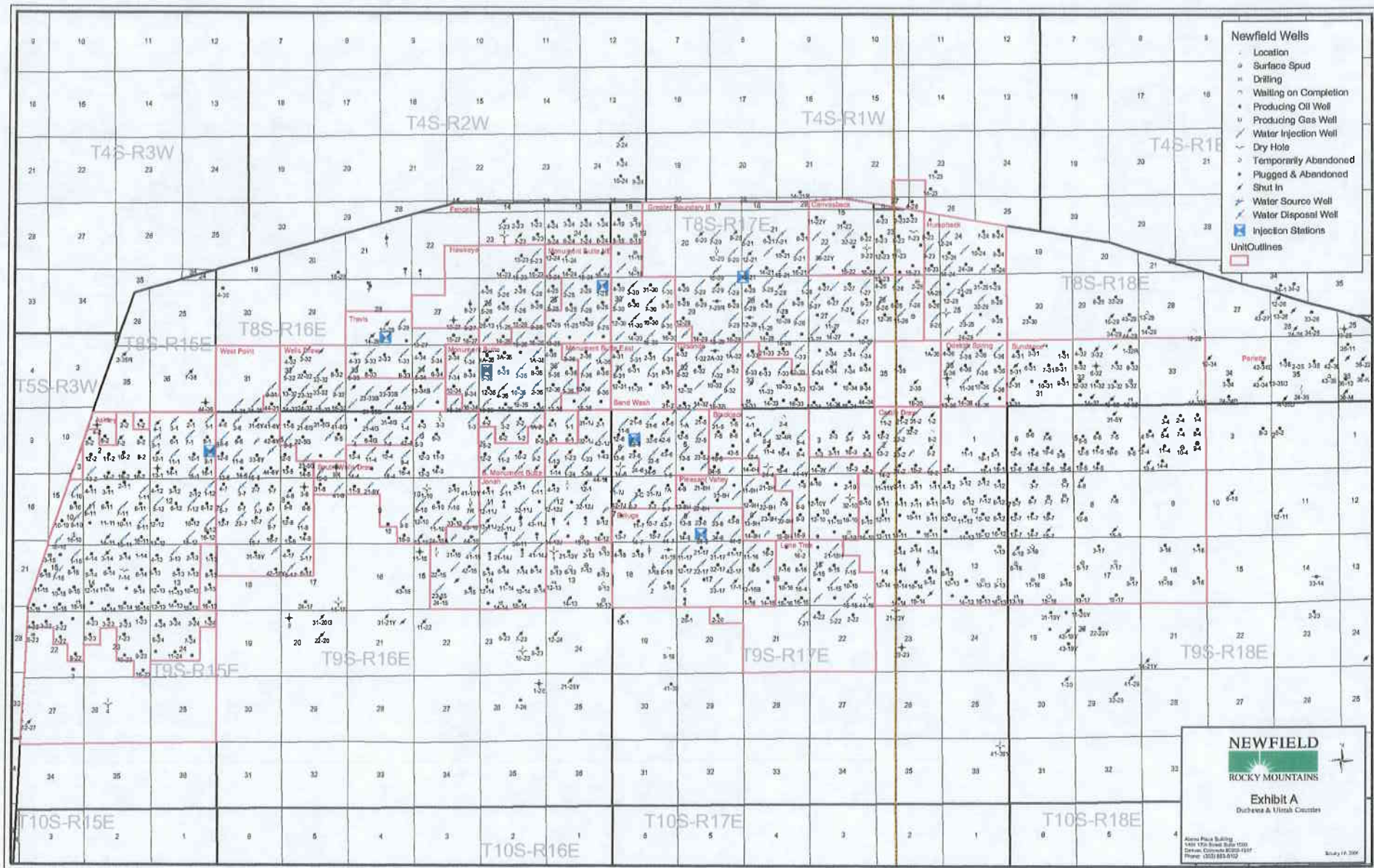
**Legend**

Existing Road

TOPOGRAPHIC MAP

**"C"**





Wells Draw II Unit

ML-21836

Monument

Wells Draw Unit G-4 (Proposed Well)  
Wells Draw Unit 6-4 (Existing Well)

UTU-73086

UTU-77338

UTU-64379

U-40894

NEWFIELD  
Exploration Company

Well Draw Unit G-4-9-16 (Proposed Well)  
Well Draw Unit 6-4-9-16 (Existing Well)  
Pad Location: SENW SEC. 4, T9S, R16E, S.L.B.&M.



*Tri-State  
Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 11-22-2006

**Legend**  
● Pad Location  
● Bottom Hole Location  
○ One-Mile Radius

**Exhibit "B"**



# 2-M SYSTEM

Blowout Prevention Equipment Systems

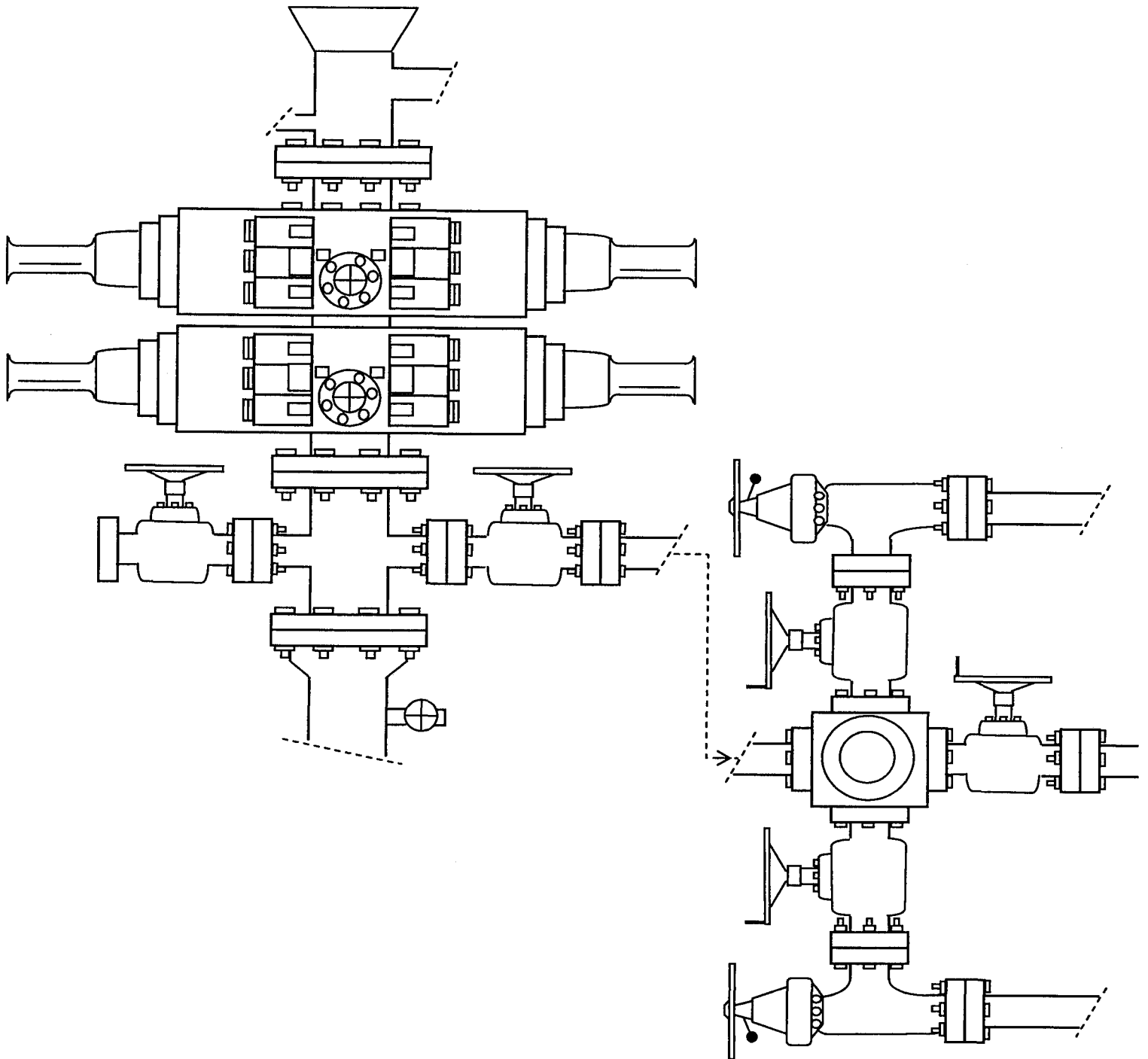


EXHIBIT C

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/22/2007

API NO. ASSIGNED: 43-013-33518

WELL NAME: W DRAW FED G-4-9-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

SENW 04 090S 160E

SURFACE: 1994 FNL 1964 FWL

BOTTOM: 1331 FNL 1319 FWL

COUNTY: DUCHESNE

LATITUDE: 40.06170 LONGITUDE: -110.1261

UTM SURF EASTINGS: 574529 NORTHINGS: 4434761

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-30096

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )

☐ Potash (Y/N)

☐ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☐ RDCC Review (Y/N)

(Date: )

☐ Fee Surf Agreement (Y/N)

☐ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3.

Unit: WELLS DRAW (GREEN RIVER)

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 231-3

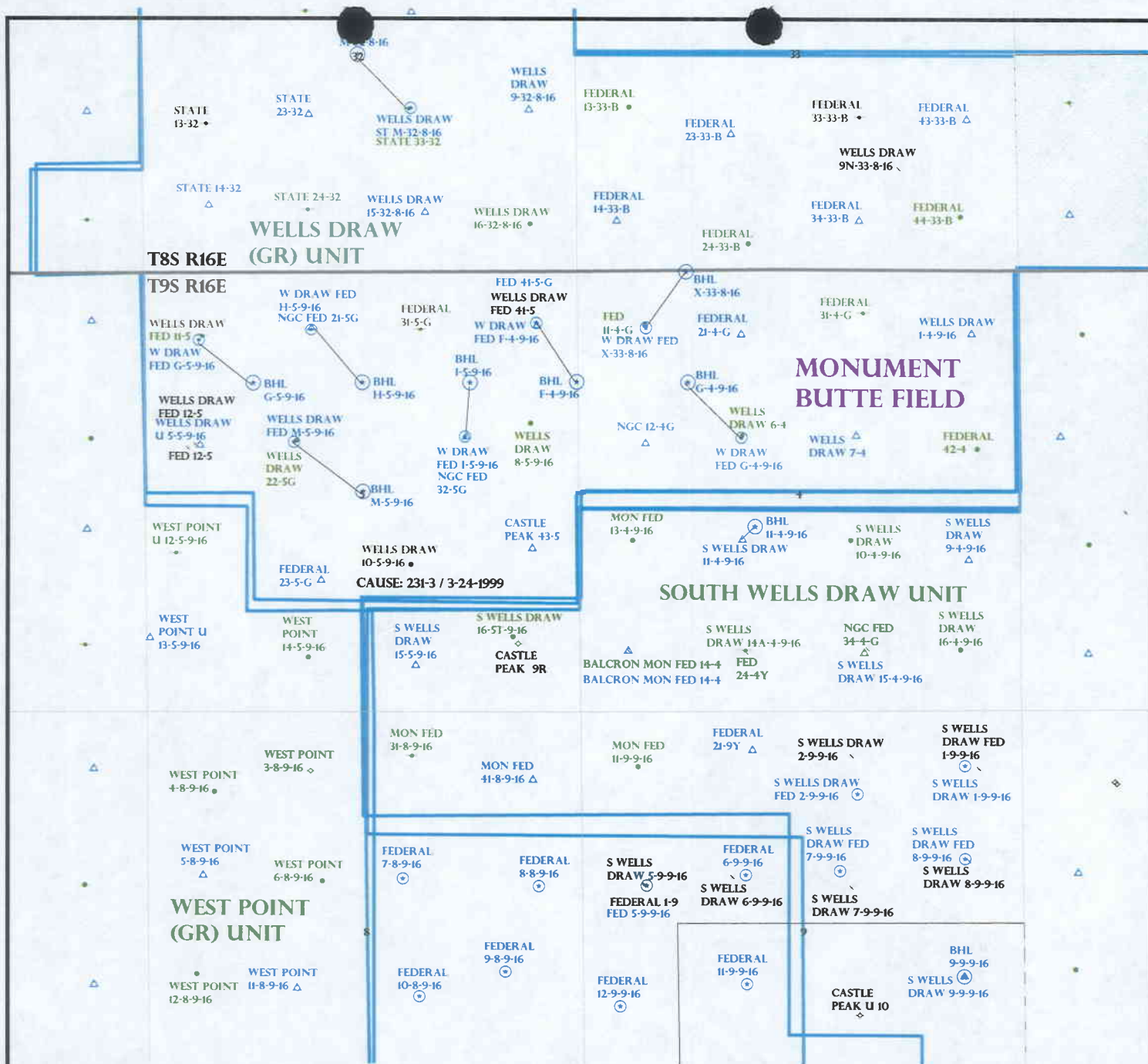
Eff Date: 3-24-1999

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

COMMENTS: SOP, Separate files

STIPULATIONS: 1- Cade Approved





January 18, 2007

Ms. Diana Mason  
State of Utah, Div. of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11  
Wells Draw Unit UTU-72613A  
Various Wells & Locations (See Attached)  
Duchesne County, Utah

Dear Ms.Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 01/18/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Wells Draw Unit UTU-72613A. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Wells Draw Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Wells Draw Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

**Newfield Production Company**

A handwritten signature in cursive script, appearing to read "Rhonda Deimer".

Rhonda Deimer  
Land Associate

**RECEIVED**

**JAN 24 2007**

Enclosures

**DIV. OF OIL, GAS & MINING**



**DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT  
WELLS DRAW UNIT UTU-72613A  
DUCHESNE COUNTY, UTAH**

Wells Draw Federal X-33-8-16

BLM Lease # U-30096 (surface) & U-49092 (bottomhole)  
669' FNL, 818' FWL Sec. 4-9S-16E (at surface)  
0' FSL, 1320' FWL Sec. 33-8S-16E (bottomhole)

Wells Draw Federal F-4-9-16

BLM Lease # U-30096 (surface & bottomhole)  
612' FNL, 514' FEL Sec. 5-9S-16E (at surface)  
1329' FNL, 0' FWL Sec. 4-9S-16E (bottomhole)

Wells Draw Federal G-4-9-16

BLM Lease # U-30096 (surface & bottomhole)  
1994' FNL, 1964' FWL Sec. 4-9S-16E (at surface)  
1331' FNL, 1319' FWL Sec. 4-9S-16E (bottomhole)

Wells Draw Federal G-5-9-16

BLM Lease # U-69744 (surface) & U-30096 (bottomhole)  
800' FNL, 672' FWL Sec. 5-9S-16E (at surface)  
1322' FNL, 1323' FWL Sec. 5-9S-16E (bottomhole)

Wells Draw Federal H-5-9-16

BLM Lease # U-30096 (surface & bottomhole)  
677' FNL, 2031' FWL Sec. 5-9S-16E (at surface)  
1323' FNL, 2646' FWL Sec. 5-9S-16E (bottomhole)

Wells Draw Federal I-5-9-16

BLM Lease # U-30096 (surface & bottomhole)  
1978' FNL, 1388' FEL Sec. 5-9S-16E (at surface)  
1326' FNL, 1323' FEL Sec. 5-9S-16E (bottomhole)

**RECEIVED**

**JAN 24 2007**

**DIV. OF OIL, GAS & MINING**

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

January 29, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Wells Draw Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Wells Draw Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33515	Wells Draw Fed X-33-8-16 Sec 04 T09S R16E 0669 FNL 0818 FWL BHL Sec 33 T08S R16E 0000 FSL 1320 FWL	
43-013-33518	Wells Draw Fed G-04-9-16 Sec 04 T09S R16E 1994 FNL 1964 FWL BHL Sec 04 T09S R16E 1331 FNL 1319 FWL	
43-013-33517	Wells Draw Fed F-04-9-16 Sec 05 T09S R16E 0612 FNL 0514 FEL BHL Sec 04 T09S R16E 1329 FNL 0000 FWL	
43-013-33519	Wells Draw Fed G-05-9-16 Sec 05 T09S R16E 0800 FNL 0672 FWL BHL Sec 05 T09S R16E 1322 FNL 1323 FWL	
43-013-33520	Wells Draw Fed H-05-9-16 Sec 05 T09S R16E 0677 FNL 2031 FWL BHL Sec 05 T09S R16E 1323 FNL 2646 FWL	
43-013-33521	Wells Draw Fed I-05-9-16 Sec 05 T09S R16E 1978 FNL 1388 FEL BHL Sec 05 T09S R16E 1326 FNL 1323 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 29, 2007

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Wells Draw Federal G-4-9-16 Well, Surface Location 1994' FNL, 1964' FWL,  
SE NW, Sec. 4, T. 9 South, R. 16 East, Bottom Location 1331' FNL,  
1319' FWL, SE NW, Sec. 4, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33518.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company  
Well Name & Number Wells Draw Federa; G-4-9-16  
API Number: 43-013-33518  
Lease: UTU-30096

Surface Location: SE NW      Sec. 4      T. 9 South      R. 16 East  
Bottom Location: SE NW      Sec. 4      T. 9 South      R. 16 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 19 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM VERNAL UTAH

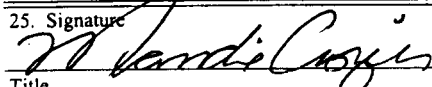
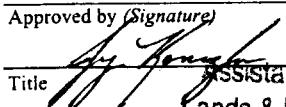
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-30096
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Wells Draw Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Wells Draw Federal G-4-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33518
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1994' FNL 1964' FWL At proposed prod. zone SE/NW 1331' FNL 1319' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1331' f/lse, 1309' f/unit	16. No. of Acres in lease 602.24	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1310'	13. State UT
19. Proposed Depth 6415'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5719' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/18/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) JERRY KENZKA	Date 7-16-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

RECEIVED

JUL 23 2007

DIV. OF OIL, GAS & MINING

No BOS  
07PP1713A



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Newfield Production Company  
**Well No:** Wells Draw Federal G-4-9-16  
**API No:** 43-013-33518

**Location:** SENW, Sec 4, T9S, R16E  
**Lease No:** UTU-30096  
**Agreement:** Wells Draw Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	

Fax: 435-781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Specific Surface COAs**

**STIPULATIONS:**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover habitat. Modifications to the Surface Use Plan of Operations will be required in order to protect Mountain Plover habitat from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (during construction and drilling) – **May 15 through June 15** – in order to avoid surface disturbing operations in an area that has been identified as Mountain Plover habitat

**CONDITIONS OF APPROVAL:**

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep in a straight line travel path, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Shadscale ( <i>Atriplex confertifolia</i> ):	3 lbs/acre
Galleta Grass ( <i>Hilaria jamesii</i> )	6 lbs/acre

  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.

Prior to any treatment on BLM administered lands, a Pesticide Use Proposal will be submitted to the Vernal Field Office for approval.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast



method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## ***DOWNHOLE CONDITIONS OF APPROVAL***

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- Production casing cement shall be brought up and into the surface.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core

data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: W DRAW FED G-4-9-16

Api No: 43-013-33518 Lease Type: FEDERAL

Section 04 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 08/16/07

Time 8:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 08/16/07 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
USA UTU-30096

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WELLS DRAW UNIT

8. Well Name and No.  
WELLS DRAW FEDERAL G-4-9-16

9. API Well No.  
4301333518

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1994 FNL 1964 FWL  
SENW Section 4 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/16/07 MIRU NDSI NS# 1.Spud well @ 8:00am. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 308.46'On 8/17/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Don Bastian

Signature

*Don Bastian*

Title

Drilling Foreman

Date

08/17/2007

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

AUG 20 2007

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 308.46

LAST CASING 8 5/8" SET AT 308.46'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company  
 WELL Wells Draw Federal G-4-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

## LOG OF CASING STRING:

LOSS OF CASING STRING.									
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 40.71'							
		WHI - 92 csg head				8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	296.61	
		GUIDE shoe				8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH  } COMPARE				298.46	
TOTAL LENGTH OF STRING		298.46	7					2	
LESS NON CSG. ITEMS		1.85						12	
PLUS FULL JTS. LEFT OUT		0						308.46	
TOTAL		296.61	7						
TOTAL CSG. DEL. (W/O THRDS)		296.61	7						
TIMING		1ST STAGE							
BEGIN RUN CSG.		Spud	8/16/2007	8:00AM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE			8/16/2007	2:00PM	Bbls CMT CIRC TO SURFACE				5
BEGIN CIRC			8/17/2007	10:45 AM	RECIPROCATED PIPE FOR				THRU FT STROKE
BEGIN PUMP CMT			8/17/2007	10:57 AM					N/A
BEGIN DSPL. CMT			8/17/2007	11:08 AM	BUMPED PLUG TO				120 PSI
PLUG DOWN			1/8/1900	11:16 AM					
CEMENT USED		17 CEMENT COMPANY- B. J.							
STAGE	# SX	7 CEMENT TYPE & ADDITIVES							
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3									

COMPANY REPRESENTATIVE Don Bastian

DATE 8/17/2007



RECEIVED

AUG 22 2007

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

DIV. OF OIL, GAS &amp; MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84062

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12276	4301333518	WELLS DRAW FED G-4-9-16	SENW	4	9S	16E	DUCHESNE	8/16/2007	8/28/07
WELL 1 COMMENTS: GRRV BHL SENW											
A	99999	16324	4301332920	FEDERAL 9-18-9-16	NESE	18	9S	16E	DUCHESNE	8/17/2007	8/28/07
GRRV											
B	99999	12417	4301333292	LONE TREE FED 3-21-9-17	NENW	21	9S	17E	DUCHESNE	8/20/2007	8/28/07
GRRV											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Production Clerk

August 22, 2007

Date

Signature

Jentri Park

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-30096
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or WELLS DRAW UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1994 FNL 1964 FWL SENE Section 4 T9S R16E		8. Well Name and No. WELLS DRAW FEDERAL G-4-9-16
		9. API Well No. 4301333518
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/28/07 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 282'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,406' & TVD of 6314'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 161 jt's of 5.5 J-55, 15.5# csgn. Set @ 6386' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 480 sks cement mixed @ 14.4 ppg & 1.24 yld. With 35 bbls cement returned to pit. Nipple down Bop's. Drop slips @90,000 #'s tension. Release rig 3:30 PM 9/5/07

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature



Title

Drilling Foreman

Date

09/08/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 11 2007

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6386.03

Flt cllr @ 6347.05

LAST CASING 8 5/8" SET A 308.46

OPERATOR Newfield Production Company

DATUM 12' KB

WELL WDF G-4-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6406' Loggers 6395

TVD= 6314

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt						
		Short jt 4222' (6.17')						
161	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6347.05	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	39.23	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6387.53
TOTAL LENGTH OF STRING		6387.53	162	LESS CUT OFF PIECE				13.5
LESS NON CSG. ITEMS		1.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		198.64	5	CASING SET DEPTH				6386.03
TOTAL		6584.92	167	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6584.92	167					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		9/5/2007	3:30 AM	GOOD CIRC THRU JOB				YES
CSG. IN HOLE		9/5/2007	7:30 AM	Bbls CMT CIRC TO SURFACE				35
BEGIN CIRC		9/5/2007	7:30 AM	RECIPROCATED PIPE FOR				THRUSTROKE NA
BEGIN PUMP CMT		9/5/2007	9:32 AM	DID BACK PRES. VALVE HOLD ?				YES
BEGIN DSPL. CMT		9/5/2007	10:29 AM	BUMPED PLUG TO				2200 PSI
PLUG DOWN		9/5/2007	10:56 AM					
CEMENT USED		B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.49 cf/sk yield						
2	480	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 9/5/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, FORM 3160-5

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1994 FNL 1964 FWL  
SENW Section 4 T9S R16E

5. Lease Serial No.  
USA UTU-30096

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WELLS DRAW UNIT

8. Well Name and No.  
WELLS DRAW FEDERAL G-4-9-16

9. API Well No.  
4301333518

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

10/09/2007

THIS SPACE FOR FEDERAL OR STATE OPTIONAL USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 10 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-30096

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
WELLS DRAW UNIT

8. WELL NAME and NUMBER:  
WELLS DRAW FEDERAL G-4-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333518

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1994 FNL 1964 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 4, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  10/18/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 10/04/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 10/18/2007

(This space for State use only)

RECEIVED  
OCT 19 2007

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**WLLS DRW G-4-9-16****8/1/2007 To 12/30/2007****9/26/2007 Day: 1****Completion**

Rigless on 9/25/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6300' & cement top @ 120'. Perforate stage #1 W/ 3 1/8" slick gun as follows: A1 sds @ 5432-57' W/ 4 JSPF. RD WLT. SIFN W/ est 151 BWTR.

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**10/2/2007 Day: 2****Completion**

Rigless on 10/1/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A1 sds, stage #1 down casing w/ 105,895#'s of 20/40 sand in 805 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2051 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1932 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2103. 956 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug (6K) & 9' perf gun. Set plug @ 5350' Perforate B1 sds @ 5238-47' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120° ) w/ 4 spf for total of 36 shots. RU BJ & frac stage #2 w/ 25,043#'s of 20/40 sand in 368 bbls of Lightning 17 frac fluid. Open well w/ 1540 psi on casing. Perfs broke down @ 1757 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1845 @ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1852. 1324 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 5180' Perforate C sds @ 5131-37' w/ 4 spf for total of 24 shots. RU BJ & frac stage #3 w/ 15,827#'s of 20/40 sand in 281 bbls of Lightning 17 frac fluid. Open well w/ 1600 psi on casing. Perfs broke down @ 2700 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2403 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2515. 1605 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7', 7' perf guns. Set plug @ 5080' Perforate D2 sds @ 5032-39', D1 sds @ 4977-84' w/ 4 spf for total of 56 shots. RU BJ & frac stage #4 w/ 66,384#'s of 20/40 sand in 544 bbls of Lightning 17 frac fluid. Open well w/ 1530 psi on casing. Perfs broke down @ 2484 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2161 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2193. 2149 bbls EWTR. Leave pressure on well.

---

**10/3/2007 Day: 3****Completion**

Western #1 on 10/2/2007 - MIRUSU. Open well w/ 560 psi on casing of oil & gas. Flow well back for 2-1/2 hours (flowing oil & gas). Rec'd 150 bbls. RU pump/tanks. Pump 100 bbls water down casing @ 1200 psi @ 2 bpm. Flow well back. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. Well flowing oil & gas. RU Perforators WLT & lubricator. RIH w/ Weatherford (6K) solid composite plug. Set plug @ 4400'. RD WLT. RU Chomp bit-new, bit sub. Tally & pickup new J-55, 2-7/8", 6.5# tbg off rack. TIH w/ 141 jts tbg. Circulate well clean. SIFN.

---

**10/4/2007 Day: 4****Completion**

Western #1 on 10/3/2007 - Open well w/ 0 psi on casing. TIH w/ tbg to tag sand @ 4373'. C/O to plug @ 4400'. RU swivel, pump & tanks. Drlg up kill plug. TIH w/ tbg to tag sand @ 4593'. Drlg out plug @ 4600'. Drlg up plug #1. TIH w/ tbg to tag plug @ 5080'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5180'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5342'. C/O to plug @ 5350'. Drlg out plug #4. TIH w/ tbg to tag sand @ 6228'. C/O to PBTD @ 6334'. TOOH w/ tbg to leave hang @ 6270'. RU swab & made 5 runs to rec'd 42 bbls fluid. Having trouble swabbing due to plug fiber in tbg. IFL surface. FFL was 200'. SIFN.

---

10/5/2007 Day: 5

Completion

Western #1 on 10/4/2007 - Open well w/ 200 psi on casing. RU swab & made 9 runs to rec'd 106 bbls fluid. IFL surface. FFL was 920'. RD swab equipment. TIH w/ tbg to tag 6' new sand. C/O to PBTD @ 6334'. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA, #jts tbg. RD BOP's. Set TA w/ 16,000#'s tension @ 5412' w/ SN @ 5445' & EOT @ 5508'. Pickup prime pump. TIH w/ 2-1/2" x 1-3/4" x 16' x 20' RHAC pump (CDI new w/ 175" SL), 4- 1-2" weight rods, 213- 7/8" guided (w/ 8 per rod), 1- 4' x 7/8" pony rod, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi w/ unit. RDMOSU. POP @ 5:30PM w/ 144" SL, @ 5 SPM. Final Report.

---

Pertinent Files: Go to File List



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN DUPLICATE\***  
(See other in-  
structions on  
reverse side)

**FORM APPROVED**  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

**1a. TYPE OF WORK**

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

**1b. TYPE OF WELL**

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

**2. NAME OF OPERATOR**

Newfield Exploration Company

**3. ADDRESS AND TELEPHONE NO.**

1401 17th St. Suite 1000 Denver, CO 80202

**4. LOCATION OF WELL.** (Report locations clearly and in accordance with any State requirements.)\*

At Surface 1331' FNL & 1319' FWL (SE/NW) Sec. 4, T9S, R16E

At top prod. Interval reported below

At total depth

*0657 FNL 0551 FWL*

**14. API NO.**

43-013-33518

**DATE ISSUED**

01/29/07

**15. DATE SPUDDED**

08/16/07

**16. DATE T.D. REACHED**

09/04/07

**17. DATE COMPL. (Ready to prod.)**

10/04/07

**18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\***

5719' GL

**9. WELL NO.**

43-013-33518

**10. FIELD AND POOL OR WILDCAT**

Monument Butte

**11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA**

Sec. 4, T9S, R16E

**12. COUNTY OR PARISH**

Duchesne

**13. STATE**

UT

**19. ELEV. CASINGHEAD**

5731; KB

**20. TOTAL DEPTH, MD & TVD**

6406', 6314'

**21. PLUG BACK T.D., MD & TVD**

6334', 6273'

**22. IF MULTIPLE COMPL... HOW MANY\***

**23. INTERVALS DRILLED BY**

----->

**ROTARY TOOLS**

X

**CABLE TOOLS**

**24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\***

Green River 4475'-5457'

**25. WAS DIRECTIONAL SURVEY MADE**

No

**26. TYPE ELECTRIC AND OTHER LOGS RUN**

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

**27. WAS WELL CORED**

No

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	308'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6386'	7-7/8"	350 sx Premlite II and 480 sx 50/50 Poz	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5509'	TA @ 5412'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(A1) 5432'-5457'	.49"	4/100	5432'-5457' Frac w/ 105,895# 20/40 sand in 805 bbls fluid
(B1) 5238'-5247'	.49"	4/36	5238'-5247' Frac w/ 25,043# 20/40 sand in 368 bbls fluid
(C) 5131'-5137'	.49"	4/24	5131'-5137' Frac w/ 15,827# 20/40 sand in 281 bbls fluid
(D1&2) 5032'-5039', 4977'-4984'	.49"	4/56	4977'-5039' Frac w/ 66,384# 20/40 sand in 544 bbls fluid
(GB6) 4496'-4503', 4475'-4481'	.49"	4/52	4475'-4503' Frac w/ 32,962# 20/40 sand in 357 bbls fluid

**33.\* PRODUCTION**

<b>DATE FIRST PRODUCTION</b> 10/04/07		<b>PRODUCTION METHOD</b> (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 20' RHAC SM Plunger Pump				<b>WELL STATUS</b> (Producing or shut-in) PRODUCING	
<b>DATE OF TEST</b> 10 day ave	<b>HOURS TESTED</b>	<b>CHOKE SIZE</b>	<b>PROD. FOR TEST PERIOD</b> ----->	<b>OIL--BBL.</b> 39	<b>GAS--MCF.</b> 68	<b>WATER--BBL.</b> 19	<b>GAS-OIL RATIO</b> 1744
<b>FLOW. TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b> ----->	<b>OIL--BBL.</b>	<b>GAS--MCF.</b>	<b>WATER--BBL.</b>	<b>OIL GRAVITY-API (CORR.)</b>	

**34. DISPOSITION OF GAS** (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

**RECEIVED**  
**OCT 30 2007**

**35. LIST OF ATTACHMENTS**

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records**

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

10/23/2007

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	<div>NAME</div> <div>MEAS. DEPTH</div> <div>TOP</div> <div>TRUE VERT. DEPTH</div>
			Well Name Wells Draw G-4-9-16	Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)
				3914' 4137' 4250' 4520' 4783' 4818' 4936' 5185' 5309' 5827' 6273' 6395'



## Directional Survey Certification

7327 West Barton Road

Casper, WY 82604

(307)-472-6621 Fax (307) 472-5439

RE:	Newfield Exploration Co.	Operator
	Wells Draw G-4-9-16	Well Name & No.
	Duchesne County, UT	County & State
	42DEF0708687	SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 334 feet to a measured depth of 6406 feet is true and correct as determined from all available records.

Julie Cruise

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of : Wyoming }  
County of : Natrona } SS

On this 21<sup>st</sup> day of September, 2007, before me personally appeared Julie Curre to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Notary Public

Aug 12, 2009  
My Commission Expires

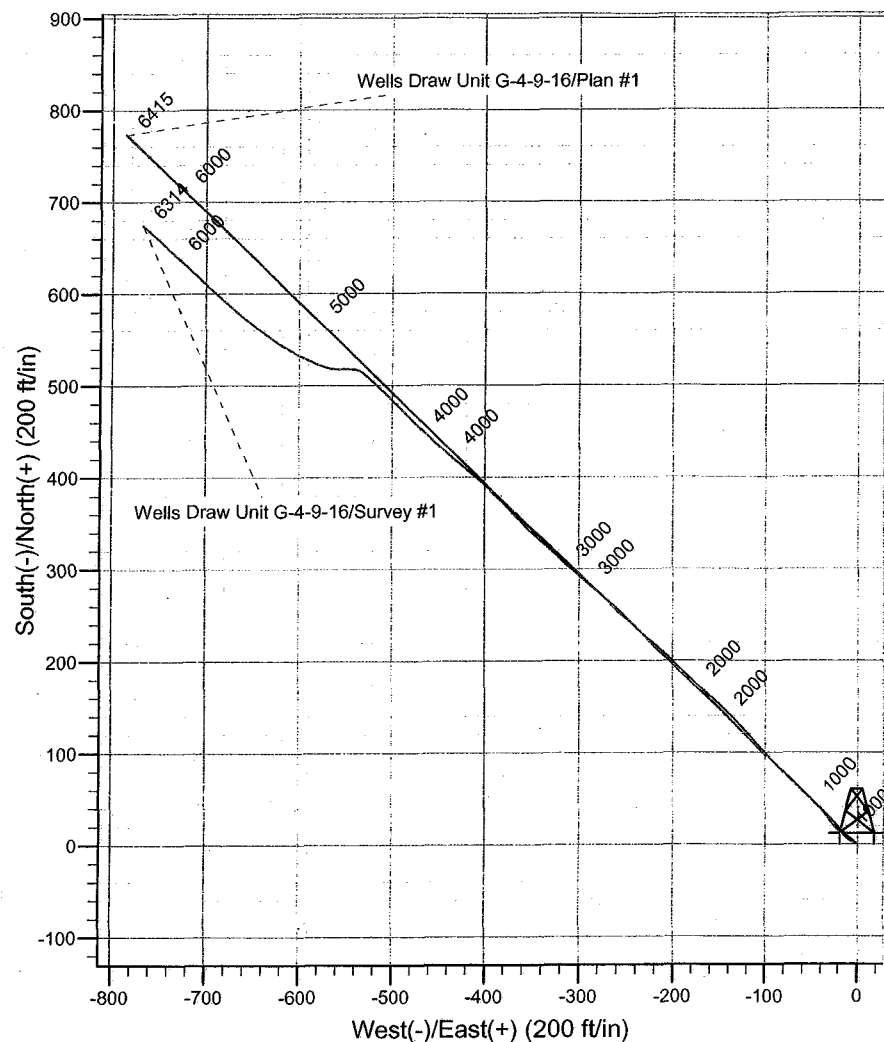
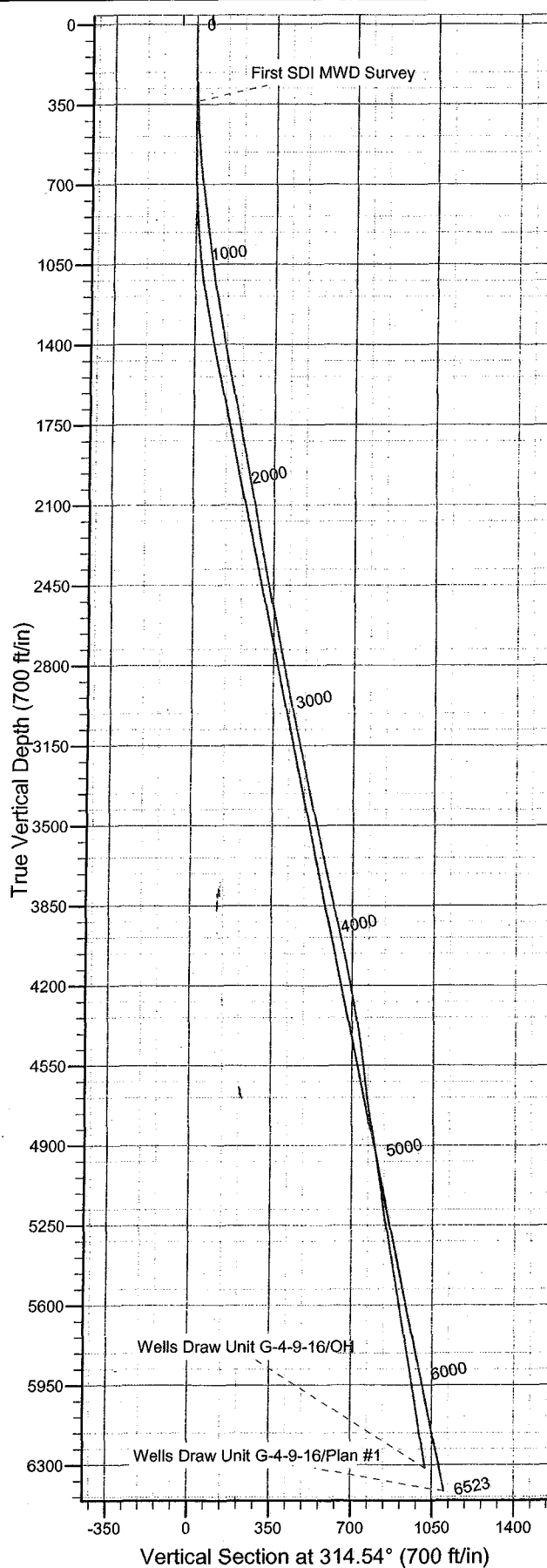




Scientific Drilling  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Wells Draw Unit G-4-9-16  
Well: Wells Draw Unit G-4-9-16  
Wellbore: OH  
Design: OH

Newfield Exploration Co.



WELL DETAILS: Wells Draw Unit G-4-9-16

+N/-S	+E/-W	Ground Level: GL 5719' & RKB 12' @ 5731.00ft	North	East	Latitude	Longitude	Slot
0.00	0.00		7194168.77	2024741.44	40° 3' 42.180 N	110° 7' 36.500 W	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Wells Draw Unit G-4-9-16, True North  
Vertical (TVD) Reference: GL 5719' & RKB 12' @ 5731.00ft  
Section (VS) Reference: Slot - (0.00N, 0.00E)  
Measured Depth Reference: GL 5719' & RKB 12' @ 5731.00ft  
Calculation Method: Minimum Curvature  
Local North: No north reference data is available  
Location: Sec 4 T9S R16E

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: Zone: Utah Central Zone

Design: OH (Wells Draw Unit G-4-9-16/OH)

Created By: Rex Hall Date: 2007-09-19

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Wells Draw Unit G-4-9-16**

**Wells Draw Unit G-4-9-16**

**OH**

**Design: OH**

## **Standard Survey Report**

**19 September, 2007**

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit G-4-9-16  
**TVD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**MD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** MultiUserEDM

<b>Project</b>	Duchesne County, UT
<b>Map System:</b>	US State Plane 1983
<b>Geo Datum:</b>	North American Datum 1983
<b>Map Zone:</b>	Utah Central Zone
<b>System Datum:</b>	Mean Sea Level

<b>Site</b>	Wells Draw Unit G-4-9-16, Sec 4 T9S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,194,168.77 ft	<b>Latitude:</b>	40° 3' 42.180 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,024,741.44 ft	<b>Longitude:</b>	110° 7' 36.500 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.88 °

Well	Wells Draw Unit G-4-9-16, 1994' FNL, 1964' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,194,168.77 ft	Latitude:	40° 3' 42.180 N
	+E/-W	0.00 ft	Easting:	2,024,741.44 ft	Longitude:	110° 7' 36.500 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,719.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2007-08-27	11.82	65.90	52,666

<b>Design</b>	OH			
<b>Audit Notes:</b>				
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	314.54

<b>Survey Program</b>	<b>Date</b> 2007-09-19			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
334.00	6,406.00	Survey #1 (OH)	MWD	MWD - Standard

<b>Survey</b>									
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
334.00	1.61	294.65	333.96	1.96	-4.26	4.41	0.48	0.48	0.00
<b>First SDI MWD Survey</b>									
365.00	1.85	288.55	364.94	2.30	-5.13	5.27	0.97	0.77	-19.68
396.00	2.20	301.37	395.92	2.77	-6.12	6.30	1.84	1.13	41.35
426.00	2.78	306.48	425.89	3.50	-7.19	7.58	2.07	1.93	17.03
457.00	4.06	310.38	456.84	4.66	-8.63	9.42	4.19	4.13	12.58
488.00	4.14	310.34	487.76	6.09	-10.32	11.63	0.26	0.26	-0.13
519.00	4.64	309.92	518.67	7.62	-12.14	14.00	1.62	1.61	-1.35
549.00	4.92	313.46	548.56	9.28	-14.00	16.49	1.36	0.93	11.80
580.00	5.26	312.28	579.44	11.16	-16.02	19.24	1.15	1.10	-3.81
611.00	5.61	315.53	610.30	13.19	-18.13	22.18	1.50	1.13	10.48
642.00	6.16	310.87	641.14	15.36	-20.45	25.35	2.35	1.77	-15.03

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit G-4-9-16  
**TVD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**MD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** MultiUserEDM

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
672.00	6.23	313.71	670.96	17.54	-22.84	28.59	1.05	0.23	9.47
703.00	6.44	315.07	701.77	19.93	-25.29	32.01	0.83	0.68	4.39
734.00	6.64	316.40	732.57	22.46	-27.75	35.54	0.81	0.65	4.29
765.00	6.61	319.27	763.37	25.11	-30.15	39.11	1.07	-0.10	9.26
795.00	6.75	320.06	793.16	27.77	-32.41	42.58	0.56	0.47	2.63
826.00	6.97	319.84	823.94	30.61	-34.79	46.27	0.71	0.71	-0.71
857.00	7.30	320.00	854.70	33.55	-37.27	50.10	1.07	1.06	0.52
887.00	7.44	320.26	884.45	36.51	-39.74	53.93	0.48	0.47	0.87
918.00	7.63	322.66	915.18	39.69	-42.27	57.96	1.19	0.61	7.74
950.00	7.73	318.83	946.90	43.00	-44.98	62.21	1.63	0.31	-11.97
981.00	7.96	313.72	977.61	46.05	-47.90	66.44	2.37	0.74	-16.48
1,012.00	8.55	312.67	1,008.29	49.09	-51.15	70.89	1.96	1.90	-3.39
1,044.00	8.16	313.11	1,039.95	52.26	-54.55	75.54	1.24	-1.22	1.37
1,074.00	8.44	313.63	1,069.63	55.23	-57.70	79.87	0.97	0.93	1.73
1,105.00	8.19	312.44	1,100.31	58.29	-60.98	84.35	0.98	-0.81	-3.84
1,137.00	8.22	312.56	1,131.98	61.38	-64.34	88.91	0.11	0.09	0.37
1,169.00	8.79	314.04	1,163.63	64.62	-67.79	93.64	1.91	1.78	4.62
1,199.00	9.03	317.55	1,193.27	67.95	-71.02	98.29	1.98	0.80	11.70
1,230.00	9.13	317.01	1,223.88	71.55	-74.34	103.17	0.42	0.32	-1.74
1,261.00	9.47	315.97	1,254.47	75.18	-77.79	108.18	1.22	1.10	-3.35
1,291.00	9.92	316.75	1,284.04	78.84	-81.28	113.23	1.56	1.50	2.60
1,322.00	9.60	317.49	1,314.59	82.69	-84.85	118.48	1.11	-1.03	2.39
1,353.00	10.01	316.60	1,345.14	86.55	-88.45	123.75	1.41	1.32	-2.87
1,383.00	9.96	318.11	1,374.69	90.38	-91.98	128.95	0.89	-0.17	5.03
1,415.00	10.40	317.00	1,406.18	94.55	-95.79	134.60	1.51	1.37	-3.47
1,445.00	10.53	317.28	1,435.68	98.54	-99.50	140.04	0.47	0.43	0.93
1,476.00	10.94	317.71	1,466.14	102.80	-103.40	145.81	1.35	1.32	1.39
1,508.00	11.45	316.40	1,497.53	107.35	-107.63	152.01	1.78	1.59	-4.09
1,539.00	11.59	318.09	1,527.91	111.89	-111.84	158.20	1.18	0.45	5.45
1,632.00	11.41	317.92	1,619.04	125.67	-124.24	176.70	0.20	-0.19	-0.18
1,726.00	11.04	314.52	1,711.24	138.88	-136.89	194.98	0.81	-0.39	-3.62
1,821.00	11.23	313.95	1,804.45	151.68	-150.04	213.33	0.23	0.20	-0.60
1,914.00	10.57	311.96	1,895.78	163.67	-162.90	230.91	0.82	-0.71	-2.14
2,010.00	10.30	314.34	1,990.19	175.56	-175.58	248.29	0.53	-0.28	2.48
2,103.00	9.11	312.56	2,081.86	186.35	-186.95	263.96	1.32	-1.28	-1.91
2,197.00	9.37	317.68	2,174.64	197.04	-197.59	279.04	0.92	0.28	5.45
2,291.00	10.63	313.91	2,267.21	208.71	-208.99	295.35	1.51	1.34	-4.01
2,386.00	10.35	308.74	2,360.62	220.13	-221.95	312.60	1.03	-0.29	-5.44
2,479.00	11.21	313.14	2,451.98	231.54	-235.07	329.95	1.28	0.92	4.73
2,572.00	11.17	317.65	2,543.22	244.38	-247.73	347.98	0.94	-0.04	4.85
2,665.00	11.38	314.11	2,634.42	257.42	-260.39	366.15	0.78	0.23	-3.81
2,757.00	10.22	310.02	2,724.79	268.99	-273.16	383.36	1.51	-1.26	-4.45
2,850.00	11.27	310.33	2,816.16	280.17	-286.40	400.65	1.13	1.13	0.33
2,944.00	11.00	311.61	2,908.39	292.07	-300.11	418.77	0.39	-0.29	1.36
3,038.00	12.18	314.44	3,000.47	304.97	-313.90	437.64	1.39	1.26	3.01
3,130.00	11.90	315.62	3,090.45	318.55	-327.46	456.83	0.41	-0.30	1.28
3,223.00	11.57	311.74	3,181.51	331.61	-341.13	475.73	0.92	-0.35	-4.17
3,317.00	11.97	315.92	3,273.53	344.89	-354.94	494.89	1.00	0.43	4.45
3,411.00	12.58	317.46	3,365.38	359.43	-368.64	514.86	0.74	0.65	1.64
3,503.00	11.90	315.27	3,455.29	373.55	-382.09	534.35	0.89	-0.74	-2.38
3,595.00	11.64	313.79	3,545.36	386.72	-395.47	553.12	0.43	-0.28	-1.61
3,688.00	12.29	311.06	3,636.34	399.71	-409.70	572.38	0.93	0.70	-2.94
3,781.00	12.79	310.07	3,727.12	412.84	-425.05	592.52	0.59	0.54	-1.06
3,875.00	12.26	312.38	3,818.88	426.26	-440.38	612.87	0.78	-0.56	2.46



# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Wells Draw Unit G-4-9-16  
**Well:** Wells Draw Unit G-4-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit G-4-9-16  
**TVD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**MD Reference:** GL 5719' & RKB 12' @ 5731.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** MultiUserEDM

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,967.00	12.14	311.25	3,908.80	439.23	-454.87	632.29	0.29	-0.13	-1.23
4,061.00	12.71	315.37	4,000.60	453.10	-469.57	652.50	1.12	0.61	4.38
4,155.00	11.57	314.51	4,092.50	467.07	-483.55	672.26	1.23	-1.21	-0.91
4,248.00	11.08	315.97	4,183.69	480.03	-496.42	690.52	0.61	-0.53	1.57
4,340.00	9.80	314.25	4,274.16	491.85	-508.17	707.19	1.43	-1.39	-1.87
4,433.00	8.91	311.96	4,365.93	502.19	-519.19	722.30	1.04	-0.96	-2.46
4,525.00	9.46	312.53	4,456.75	512.07	-530.06	736.97	0.61	0.60	0.62
4,620.00	8.48	272.00	4,550.68	517.59	-542.83	749.95	6.59	-1.03	-42.66
4,713.00	9.20	268.33	4,642.57	517.62	-557.11	760.15	0.98	0.77	-3.95
4,806.00	9.20	287.16	4,734.40	519.59	-571.65	771.90	3.22	0.00	20.25
4,900.00	9.27	295.78	4,827.18	525.10	-585.65	785.74	1.47	0.07	9.17
4,994.00	8.96	298.91	4,920.00	531.93	-598.88	799.96	0.62	-0.33	3.33
5,087.00	8.92	299.28	5,011.87	538.96	-611.50	813.89	0.08	-0.04	0.40
5,182.00	7.97	303.37	5,105.84	546.19	-623.43	827.45	1.18	-1.00	4.31
5,277.00	8.92	305.20	5,199.80	554.06	-634.95	841.18	1.04	1.00	1.93
5,372.00	9.32	308.75	5,293.60	563.12	-646.97	856.10	0.73	0.42	3.74
5,466.00	9.89	309.39	5,386.29	573.00	-659.14	871.72	0.62	0.61	0.68
5,558.00	9.16	310.91	5,477.02	582.81	-670.78	886.89	0.84	-0.79	1.65
5,652.00	9.44	313.00	5,569.78	592.97	-682.07	902.07	0.47	0.30	2.22
5,744.00	8.96	313.00	5,660.60	603.00	-692.83	916.77	0.52	-0.52	0.00
5,839.00	9.38	314.40	5,754.38	613.46	-703.77	931.91	0.50	0.44	1.47
5,932.00	9.11	313.62	5,846.18	623.85	-714.52	946.85	0.32	-0.29	-0.84
6,026.00	8.95	313.48	5,939.01	634.01	-725.21	961.60	0.17	-0.17	-0.15
6,120.00	9.59	314.21	6,031.78	644.50	-736.13	976.74	0.69	0.68	0.78
6,214.00	9.22	312.48	6,124.52	655.05	-747.29	992.10	0.50	-0.39	-1.84
6,307.00	8.47	311.99	6,216.41	664.66	-757.88	1,006.38	0.81	-0.81	-0.53
6,356.00	8.14	312.96	6,264.90	669.44	-763.10	1,013.46	0.73	-0.67	1.98
6,406.00	8.14	312.96	6,314.39	674.26	-768.28	1,020.53	0.00	0.00	0.00

Projection To TD

### Targets

#### Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
WDU G-4-9-16 Target	0.00	0.00	5,330.00	619.00	-629.00	7,194,778.04	2,024,103.01	40° 3' 48.298 N	110° 7' 44.591 W
- actual wellpath misses by 56.75ft at 5411.44ft MD (5332.51 TVD, 567.18 N, -652.00 E)									
- Circle (radius 75.00)									

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_